Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 06 Mar 2023 until 23:59 on Tuesday 07 Mar 2023

Forecast Issued on Sunday 05 Mar 2023 at 12:49

Confidence: High for turning cold, medium for the extent of showers, low for chance of longer periods of snow and rain sporadically extending from the south on Wednesday and Thursday

Headline for Monday 06 Mar 2023: Scattered showers, with snow level lowering from late afternoon. Summit breezes veering northwest.

Mountain weather hazards on Monday 06 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light snow showers (night)	Light snow showers (night)	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	30%	30%	20%	20%	20%	10%	20%

Forecast for Monday 06 Mar 2023

Weather: A mix of scattered showers and clear then bright spells to start the week with snow level initially 500m descending to valley level from late afternoon.

Chance of cloud-free hill tops above 600m: 70-80% for any one time but extended clear periods are unlikely given the showery nature of the flow

Low cloud and visibility: Good or very good, becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases occasionally lowering to 500m, chiefly as showers cross.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 06 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 SW	8/11 SW	11/15 SW	15/21 W	21/29 W	16/24 NW	14/21 NW	9/14 NW	6/11 N
300	4/6 SW	5/7 SW	8/12 SW	13/19 W	15/23 W	14/23 W	12/20 NW	7/13 NW	5/9 NW
Valley	2/5 SW	3/7 SW	5/10 SW	9/17 W	12/24 W	11/22 NW	9/18 NW	5/11 NW	4/9 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-0/-4	0/-5	0/-5	1/-6	1/-5	-1/-7	-2/-7	-3/-7
300	1/-1	2/-1	2/-2	3/-2	3/-2	4/-1	2/-3	0/-3	-0/-3
Valley	2/0	2/1	2/0	3/-0	4/0	4/0	2/-2	1/-1	0/-2
Freezing Level*	500m	500m	600m	600m	600m	400m	300m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Significant wind chill at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 05 Mar 2023	0mm	0mm	0mm

Forecast for Tuesday 07 Mar 2023
Weather: Conditions improved from Monday with bright and sunny spells. Continuing with very low freezing level which brings significant wind chill in the relatively light breezes.

Maximum wind: West to northwest 15mph or less

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Good or very good.

Temperature: **Valleys:** Minus 4 Celsius increasing plus 4 Celsius for the afternoon
At 600m: Minus 4 Celsius
Freezing level: 200m or less

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